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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/517,354

03/02/2000

Shunpei Yamazaki

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11/06/2003

FISH & RICHARDSON P.C.

1425 K STREET, N.W.

11TH FLOOR

WASHINGTON, DC 20005-3500

EXAMINER

PARKER, KENNETH

ART UNIT

PAPER NUMBER

2871

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Note attached IDS's of paper #31 and #4

Kenneth A Parker  
Primary Examiner  
Art Unit: 2871

Substitute Form PTO-1449 (Rev. 11-97) U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 07977/015003/US2954/2957D1D1 Application No. 09/517,354

Applicant Yamazaki, et al.

Filing Date March 2, 2000 Group Art Unit 2871

Information Disclosure Statement by Applicant (Use several sheets if necessary)

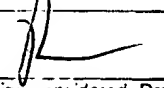
37 CFR §1.98(b)

## U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,643,526	2/17/87	Watanabe, et al.			
	AB	5,200,847	4/6/93	Mawatari, et al.			
	AC	5,261,156	11/16/93	Mase, et al.			
	AD	5,339,180	8/16/94	Kato			
	AE	5,341,012	8/23/94	Misawa, et al.			
	AF	5,376,561	12/29/94	Vu			
	AG	5,436,744	7/25/95	Arledge			
	AH	5,569,610	10/29/96	Zhang, et al.			
	AI	5,572,046	11/5/96	Takemura			
	AJ	5,576,231	11/19/96	Konuma, et al.			
	AK	5,576,868	11/19/96	S. Togashi			
	AL	5,576,869	11/19/96	H. Yoshida			
	AM	5,596,023	1/21/97	Tsubota			
	AN	5,614,733	3/25/97	Zhang, et al.			
	AO	5,619,045	4/8/97	Konuma, et al.			
	AP	5,646,432	7/8/97	Iwaki, et al.			
	AQ	5,654,811	8/5/97	Spitzer, et al.			
	AR	5,672,518	9/30/97	Hayashi, et al.			
	AS	5,672,900	9/30/97	Konuma, et al.			
	AT	5,701,167	12/23/97	Yamazaki			
	AU	5,747,355	5/5/98	Konuma, et al.			
	AV	5,757,456	5/26/98	Yamazaki, et al.			
	AW	5,759,878	6/2/98	Hayashi, et al.			
	AX	5,766,977	6/16/98	S. Yamazaki			
	AY	5,781,164	7/14/98	Jacobsen, et al.			
	AZ	5,783,468	7/21/98	Zhang, et al.			

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977/015003/US2954/2957D1D1	Application No. 09/517,354
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Yamazaki, et al.	
		Filing Date March 2, 2000	Group Art Unit 2871

## U.S. Patent Documents

Examiner Initial	Design ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
V	AAA	5,467,112	7/28/98	Takemura, et al.			
	AB3	5,411,138	10/13/98	Yamazaki, et al.			
	ABC	5,411,327	11/10/98	Yamazaki, et al.			
	ADD	5,411,977	3/9/99	Zhang, et al.			

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Design ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AEE	WO 92/12453	7/23/92	PCT			X	
	AFB	JP 6413	3/19/93	Japan			X	
	AGG	JP 6413	10/15/93	Japan			Abstract only	
	AHH	JP 24104	9/2/94	Japan			Abstract only	
	AII	JP 18791	11/15/94	Japan			Abstract only	
	AJJ	JP 33912	12/6/94	Japan			Abstract only	

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Design ID	Document
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	ALL	

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